

WHAT IS CLAIMED IS:

1. A chair assembly, comprising a main body including:

an adjusting base;

a support frame mounted on the adjusting base and having two

5 opposite sides each formed with a slide slot having a wall formed with a plurality of fixing holes and each having a first end formed with an arcuate positioning recess; and

a backrest support rack movably mounted on the support frame and

having a first section provided with an adjusting rod slidably mounted in the

10 slide slot of the support frame and detachably locked in either one of the fixing holes of the slide slot and provided with a fixing rod detachably locked in the positioning recess of the support frame.

2. The chair assembly in accordance with claim 1, wherein the backrest support rack is substantially L-shaped.

15 3. The chair assembly in accordance with claim 1, wherein the main body further includes a seat support rack adjustably mounted on the support frame, a seat mounted on the seat support rack, and a backrest adjustably mounted on a second section of the backrest support rack.

20 4. The chair assembly in accordance with claim 3, wherein the seat support rack has a bottom provided with a first pivot base pivotally mounted on the support frame, and each of the two opposite sides of the support frame

has a mediate portion formed with a pivot hole for pivotally mounting the first pivot base of the seat support rack.

5 5. The chair assembly in accordance with claim 3, further comprising a control device mounted between the support frame and the seat support rack so as to adjust and inclined angle of the seat.

6. The chair assembly in accordance with claim 5, wherein the each of the two opposite sides of the support frame has a second end formed with a through hole, and one of the two opposite sides of the support frame is formed with two opposite elongated slits each located beside the through hole,
10 and the control device includes a pivot member movably mounted on the support frame and having two opposite sides each extended through a respective one of the two elongated slits of the support frame, a mounting member secured on one of the two opposite sides of the support frame and formed with a receiving hole for mounting the two opposite sides of the pivot
15 member, a pivot pin extended through the through hole of one of the two opposite sides of the support frame, the pivot member and the through hole of the other one of the two opposite sides of the support frame, a screw member screwed on a threaded distal end of the pivot pin and rested on the other one of the two opposite sides of the support frame, an adjusting member pivotally
20 mounted on the pivot pin and having an end pivotally mounted on the seat support rack, and a control lever pivotally mounted on the mounting member and having an end pivotally mounted on the pivot member, so that the pivot

member is moved by pivot of the control lever to urge on or detach from the adjusting member.

7. The chair assembly in accordance with claim 6, wherein the pivot member is substantially U-shaped.

5 8. The chair assembly in accordance with claim 6, wherein the control device further includes an elastic member mounted on the pivot pin and urged between one of the two opposite sides of the support frame and the pivot member to press the pivot member to urge the adjusting member.

 9. The chair assembly in accordance with claim 6, wherein the
10 control device further includes two mounting tubes each mounted on the pivot pin and each respectively located between the adjusting member, the pivot member and the other one of the two opposite sides of the support frame, and two washers each mounted on the pivot pin and each located between the adjusting member and a respective one of the two mounting
15 tubes.

10. The chair assembly in accordance with claim 6, wherein the pivot member is formed with a through hole for mounting the pivot pin.

11. The chair assembly in accordance with claim 6, wherein the adjusting member is made of a plurality of laminated plates.

20 12. The chair assembly in accordance with claim 6, wherein the adjusting member is formed with an oblong slot mounted on the pivot pin for adjusting the inclined angle of the seat.

13. The chair assembly in accordance with claim 6, wherein the main body further includes a seat support rack adjustably mounted on the support frame and having a bottom provided with a second pivot base, and the end of the adjusting member is formed with a pivot hole for pivotally mounting the second pivot base of the seat support rack.

14. The chair assembly in accordance with claim 6, wherein the mounting member is formed with an elongated hole, each of the two opposite sides of the pivot member is formed with a through hole, the end of the control lever is formed with a through hole, and the control device further includes a positioning pin extended through the elongated hole of the mounting member, the through hole of the pivot member and the through hole of the control lever, and a C-shaped snap secured on a distal end of the positioning pin and rested on the mounting member.

15. The chair assembly in accordance with claim 1, wherein when the adjusting rod of the backrest support rack is rested on a front end of the slide slot of the support frame and the fixing rod of the backrest support rack is locked in the positioning recess of the support frame, the backrest support rack is disposed at an upright state.

16. The chair assembly in accordance with claim 1, wherein when the backrest support rack is lifted to detach the fixing rod of the backrest support rack from the positioning recess of the support frame, the adjusting rod of the backrest support rack is slidable from a front end to a rear end of

the slide slot of the support frame, and the backrest support rack is disposed at a horizontal state.

17. The chair assembly in accordance with claim 1, wherein when the fixing rod of the backrest support rack is detached from the positioning
5 recess of the support frame and the adjusting rod of the backrest support rack is locked in either one of the fixing holes of the slide slot, the backrest support rack is disposed at an inclined state.

18. The chair assembly in accordance with claim 1, wherein the main body further includes a plurality of braking wheels mounted on the
10 bottom of the adjusting base.

19. The chair assembly in accordance with claim 1, wherein the backrest support rack has an inclined angle that is adjusted by adjusting the relative position between the adjusting rod of the backrest support rack and the fixing holes of the slide slot.

15 20. The chair assembly in accordance with claim 1, wherein the first section of the backrest support rack is movably mounted between the two opposite sides of the support frame, the adjusting rod is mounted on a distal end of the first section of the backrest support rack, and the fixing rod is mounted on a mediate portion of the first section of the backrest support rack.

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